

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	12	(vehicle or aut\$7) same (electrical or power) same system and battery near positive near terminal and (state near charge) and(power and management)	USPAT	OR	ON	2006/05/23 14:16
S3	6	S2 and @py<="2002"	USPAT	OR	ON	2005/11/21 14:03
S4	610	320/104	USPAT	OR	ON	2005/11/21 14:05
S7	610	320/104	USPAT	OR	ON	2005/11/21 14:06
S8	29	320/104 and vehicle adj electrical adj system and positive adj terminal	USPAT	OR	ON	2005/11/21 14:07
S9	610	320/104	USPAT	OR	ON	2005/11/21 16:21
S12	10	(integrated module)and (state of battery charge detect\$3) and (control unit power management or PCM)	USPAT	AND	OFF	2005/11/21 16:25
S13	3	(vehicle electrical system) and (integrated module)and (state of battery charge detect\$3) and (control unit power management or PCM)	USPAT	AND	OFF	2005/11/21 16:29
S14	32	(vehicle electrical system) and PCM and ECM	USPAT	AND	OFF	2005/11/21 16:30
S15	15	S14 and @py<="2002"	USPAT	AND	OFF	2005/11/21 16:32
S16	9	(S14 and battery)@py<="2002"	USPAT	AND	OFF	2005/11/21 16:38
S20	1	"5747189".pn.	USPAT	AND	OFF	2005/11/21 16:40
S21	1	"6,300,763".pn.	USPAT	AND	OFF	2005/11/21 16:43
S22	1	"6,424,157".pn.	USPAT	AND	OFF	2005/11/21 16:43
S23	3402	vehicle electrical power management control unit	USPAT	AND	OFF	2005/11/21 16:47
S26	19	vehicle electrical system power management control unit	USPAT	SAME	OFF	2005/11/21 16:48
S27	7	("4723079" "4845465" "5337003" "5444352" "5982152" "6452286" "6456042").PN. OR ("6690140").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/22 09:39
S28	1727201	vehicle or aut\$7 electrical or power and (management or control) and battery and charg\$4	USPAT	OR	OFF	2005/11/22 09:43
S29	1472613	S28 and @py<="2002"	USPAT	OR	OFF	2005/11/22 09:42
S30	40359	S29 and integrated and module	USPAT	OR	OFF	2005/11/22 09:42

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S31	724	(vehicle or aut\$7) near (electrical or power) same (management or control) and battery adj charg\$4	USPAT	OR	OFF	2005/11/22 09:44
S32	536	S31 and @py<="2002"	USPAT	OR	OFF	2005/11/22 13:10
S33	535	S32 NOT hubrid	USPAT	OR	OFF	2005/11/22 09:48
S34	418	S32 NOT hybrid	USPAT	OR	OFF	2005/11/22 09:49
S35	2403	vehicle electrical battery management system	USPAT	AND	OFF	2005/11/22 09:49
S36	1558	S35 and @py<="2002"	USPAT	AND	OFF	2005/11/22 09:50
S37	408	S36 and control adj unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/11/28 09:43
S38	2	"6690140".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/11/22 13:00
S39	2	"6320351".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/11/22 13:08
S40	2	"5701068".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/11/22 13:08
S41	724	(vehicle or aut\$7) near (electrical or power) same (management or control) and battery adj charg\$4	USPAT	OR	OFF	2005/11/22 13:10
S42	536	S41 and @py<="2002"	USPAT	OR	OFF	2005/11/22 13:10
S43	0	S42 and fuse adj module	USPAT	OR	OFF	2005/11/22 13:10
S44	5	S42 and fuse adj block	USPAT	OR	OFF	2005/11/22 13:55
S45	25	vehicle electrical system and battery and fuse adj(module or block)	USPAT	ADJ	OFF	2005/11/22 15:41
S46	20	S45 and @py<="2002"	USPAT	ADJ	OFF	2005/11/22 14:55
S47	1	"5528445".pn.	USPAT	ADJ	OFF	2005/11/22 14:57
S48	11	"5583751"	USPAT	ADJ	OFF	2005/11/22 14:57
S49	1	"5583751".pn.	USPAT	ADJ	OFF	2005/11/22 14:57

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S50	2	"5583751".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/11/22 14:59
S51	4	"561304".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/11/22 15:00
S52	2	"6320351".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/11/22 15:01
S53	6	("5528445" "5583751" "5621304").PN. OR ("6320351"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/22 15:01
S54	41	vehicle electrical system and battery and fuse adj(module or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/22 17:12
S55	31	vehicle electrical system and battery and fuse adj(module or block)and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/22 16:03
S56	39	vehicle electrical system and fuse adj(module or block)and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/25 08:53
S57	3	vehicle electrical system and switch\$3 adj fuse same (module or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/22 16:08
S58	3	vehicle electrical system and switch\$5 adj fus\$5 same (modul\$2 or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/22 16:09

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S59	3	vehicle (electrical or power)system and switch\$5 adj fus\$5 same (modul\$2 or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/22 16:10
S61	11	vehicle electrical system and (battery adj master adj switch or circuit adj breaker) and fuse adj(module or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/22 17:13
S62	0	("2004/0174141").URPN.	USPAT	OR	OFF	2005/11/22 17:34
S63	1446	blown fuse detect\$4 unit	USPAT	AND	OFF	2005/11/22 17:35
S64	194181	blown fuse detect\$4 unit or module	USPAT	AND	OFF	2005/11/22 17:35
S65	194181	(blown fuse detect\$4 unit) or module	USPAT	AND	OFF	2005/11/22 17:39
S66	95695	S65 and (vehicle electrical or power system)	USPAT	AND	OFF	2005/11/22 17:37
S67	77902	S66 and @py<="2003"	USPAT	AND	OFF	2005/11/22 17:39
S68	3067	S67 and battery charge detection	USPAT	AND	OFF	2005/11/22 17:38
S69	598774	(blown fuse detect\$4 unit) or module	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/11/22 17:39
S70	157723	S69 and @py<="2003"	USPAT	AND	OFF	2005/11/23 09:49
S72	1	automobile same electrical system and power management and (battery or charge) monitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/23 09:52
S74	17	vehicle same electrical system and power management and (battery or charge) monitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/28 09:40
S75	2	"20030107863"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/23 14:19

EAST Search History

S76	1	vehicle electrical system and battery temperature sensor and battery temperature meter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/25 08:54
S77	43	(auto or vehicle) (electrical or power) system and battery and temperature same sensor and temperature same meter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/25 08:56
S78	24	S77 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/25 08:56
S79	28443	vehicle same electrical system and power management and (battery or charge) monitor and regulation same diagnosis generator or alternator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/28 09:41
S80	24309	S79 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/11/28 09:42
S81	11514	S79 and @py<="2003"	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:42
S82	10147	S79 and @py<="2002"	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:42
S83	2403	vehicle electrical battery management system	USPAT	AND	OFF	2005/11/28 09:44
S84	1558	S83 and @py<="2002"	USPAT	AND	OFF	2005/11/28 09:44
S85	408	S84 and control adj unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/11/28 09:44
S86	3	S85 and regulation and diagnos\$4 same generator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/11/28 09:49

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S88	50	"0107863"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/11/28 09:51
S89	2	"0107863".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/11/28 09:50
S92	2	"6690140".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/11/28 09:55
S93	1	"6320351".pn.	USPAT	OR	ON	2006/05/23 11:11
S94	1	"6690140".pn.	USPAT	OR	ON	2006/05/23 11:12
S95	1	"4965461".pn.	USPAT	OR	ON	2006/05/23 11:13
S96	0	"20030107863".pn.	USPAT	OR	ON	2006/05/23 11:13
S97	2	"20030107863".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:13
S98	16	(vehicle or aut\$7) same (electrical or power) same system and battery near positive near terminal and (state near charge) and(power and management)	USPAT	OR	ON	2006/05/23 16:57
S99	8314	"320"/\$.ccls.	USPAT	OR	ON	2006/05/23 16:58
S100	14671	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 16:58
S101	1081	S100 and (vehicle electrical system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/23 16:59
S102	219	S101 and (module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/23 17:55

EAST Search History

S10 3	44	S102 and (current near sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/23 17:15
S10 4	0	S103 and (battery integr\$5 switch fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/23 17:16
S10 5	2	S102 and (battery integr\$5 switch fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/23 17:18
S10 6	2	S102 and (integr\$5 switch fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/23 17:18
S10 7	5	S101 and (integr\$5 switch fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/23 17:21
S10 8	4	S101 and ((integr\$5 or module) with (switch fuse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/23 17:21
S10 9	31	("20020196646" "20030047366" "2104769" "2717045" "3977490" "4006280" "4738906" "4816736" "4976327" "5002840" "5031712" "5082075" "5215834" "5320190" "5432026" "5536595" "5542489" "5543248" "5549984" "5552642" "5636701" "5681668" "6152096" "6230677" "6230833" "6255014" "6340538" "6452361" "6461758").PN. OR ("6828755").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/23 17:33

EAST Search History

S11 0	47846	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/23 17:34
S11 1	81	S110 and (vehicle electrical system)	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/05/23 17:34
S11 2	480	S110 and (vehicle electrical system)	US-PGPUB; USPAT; USOCR	WITH	ON	2006/05/23 17:34
S11 3	0	S112 and (module same current sens\$3 switch fuse power management)	US-PGPUB; USPAT; USOCR	WITH	ON	2006/05/23 17:35
S11 4	0	S112 and (module same current sens\$3 switch fuse)	US-PGPUB; USPAT; USOCR	WITH	ON	2006/05/23 17:35
S11 5	4	S112 and (module same current sens\$3 switch fuse)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/23 17:40
S11 6	5	S112 and ((battery with module) current sens\$3 switch fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/23 17:42
S11 7	5	S112 and (((battery or power) with module) current sens\$3 switch fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/23 17:43
S11 8	0	("2004/0048142").URPN.	USPAT	AND	ON	2006/05/23 17:42
S11 9	25	S110 and (((battery or power) with module) current sens\$3 switch fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/23 17:53
S12 0	0	S110 and (switchable fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/23 17:53

EAST Search History

S12 1	0	S110 and (switchable fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/23 17:53
S12 2	7	S110 and (switched fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/23 17:53
S12 3	186	S102 and (fuse switch or breaker or relay current or load or power sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/24 11:48
S12 4	2	"5882213".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/24 11:48
S12 5	11	("3775730" "4575178" "5229922" "5645448").PN. OR ("5882213").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 12:04
S12 6	1	"5645448".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 12:09
S12 7	1323	320/132	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 12:09
S12 8	134	S127 and (vehicle electrical system)	US-PGPUB; USPAT; USOCR	WITH	ON	2006/05/24 12:10
S12 9	133	S128 and (battery or power module)	US-PGPUB; USPAT; USOCR	WITH	ON	2006/05/24 12:19
S13 0	24	S129 and (fuse switch or relay or (circuit adj breaker) current or SOC near sens\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 12:20
S13 1	331	320/149	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 12:19

EAST Search History

S13 2	22	S131 and (vehicle electrical system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/05/24 12:19
S13 3	22	S132 and (battery or power module)	US-PGPUB; USPAT; USOCR	WITH	ON	2006/05/24 12:21
S13 4	4	S133 and (fuse switch or relay or (circuit adj breaker) current or SOC near sens\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/24 12:20
S13 5	2	"20040048142"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/24 18:12
S13 6	2	"5701068".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/02 10:29